

## Abstract

A method and an arrangement are provided for generating an estimate of the impulse response of a radio channel. There is generated (202, 406) an initial estimate of the impulse response of a radio channel, and a signal is equalized (203, 407) by using the initial estimate. The equalized signal is decoded (205, 409). There is obtained (411) feedback information from the signal (306) after equalization, an updated channel estimate is generated (304 412) by using said feedback information, and the signal is equalized (407) again by using said updated channel estimate and said feedback information.

Fig. 2